



Society of Women Engineers

CENTRAL OHIO SECTION

Region G
Section G001

Newsletter

Winter 2005

TOYchallenge

by Rachel Lewis & Ming Wang

The Toy Challenge is an annual contest for 5th-8th graders. The object of the challenge is for the teams to invent a new toy or game. The teams are judged on originality, creativity, engineering, feasibility, design process, team participation, and clarity of communication. There are also special awards given for team spirit, originality, engineering, design, and educational value of toy or game.

This year we are sponsoring 2 teams from Harmon Middle School, in Pickerington. We would like to thank Ming Wang and her co-workers (Amy Osborne, Erin Lamb, & Sara Florkey) at Battelle for being team coaches. The kids named their teams: The Panthers & Sixth Sensors. Their report is due February 16th, which will conclude the first round of the competition. From there teams are selected to attend a National Competition and from there move on to the final competition. There are a lot of cool prizes to be won for the kids and we wish them the best of luck. (Updates will be posted in future newsletters.)

The kids will also be building their toy, and will display them sometime in the spring for SWE and their parents and teachers. More details will be made available soon.

Bowling with the Central Ohio Section of SWE



Join us for an evening of fun!

Thursday, February 10,
2005

All Central Ohio Members and Student Members are invited to join us. Bowling will take place at the Columbus Square Bowling

Palace. Open Bowl begins at 9:00 p.m. and student carpool will leave the campus at 8:30 p.m. Cost for the event is \$4 per game and \$2.50 for shoes.

Please RSVP to pfought@columbus.rr.com by Monday, February 7th. A map and additional information will be sent to those who RSVP.

From the President:

Happy New Year! It's 2005 - a new year and you know what that means? Time for new year's resolutions! Besides the standard ones including losing weight, eating right, etc., I've put together a short list of things I'd like to improve upon for SWE. I'd like to share with you some of my SWE New Year's resolutions.

1. I resolve to get more members involved with committees, planning and activities.
2. I resolve to plan ahead so that members are aware well in advance of upcoming activities and events.
3. I resolve to be open to your input so that we can create an organization that will meet the needs of all our members.

If I can't lose that pesky five pounds, I hope that I can at least stick to my SWE resolutions and make 2005 a great year for all of our members. As always, if you have any questions or comments, please feel free to send me an e-mail at the following address:

Kristina_Kennedy1978@hotmail.com. I hope to hear from you! ☺



Donate your used cell phones

Cell phones for life, Inc. mission is to provide emergency use cell phones for the elderly, the disabled, and the battered women's shelters. These phones are used for emergencies only and provide a sense of freedom and security.

Please give them to Lynne Waldron, who will give you a tax receipt and send the phones to:

CELL PHONES FOR LIFE, INC.

A Non Profit Organization
(580) 226-5652 (800) 585-5503 FAX (800) 585-5925
www.cellphonesforlife.org

The Quest for Equilibrium -- Getting Organized

Article 4

By Rebecca Blust

Establish a plan for making the transition to childcare as smooth as possible. Plan ahead, and then have a back-up plan. "Its one of the most critical elements to success," states a [Legal Assistants Today](#) article entitled, "Facing the Work Versus Family Dilemma." Some helpful hints for planning include:

- ❖ Using a day planner.
- ❖ Keep a family calendar of events for all to see and discuss these items frequently during family times.
- ❖ Take advantage of lists in public places in your home such as a grocery list on your refrigerator for all to add necessary items.

A critical part of organization is defining where and how to gain time.

Look at your time as pieces of a pie. Each piece is an item that takes time out of your day, week or month. Determine which pieces are essential and identify the ones that can be eliminated in order to allow you to have more time for the most important demands. The following list includes suggestions for freeing up time:

- ❖ Use a housekeeping service
- ❖ Use a yard service
- ❖ Consider dry cleaning/laundry service
- ❖ Shop where grocery services are available (Pea Pod at Kroger)
- ❖ Assign family chores - Children can help with housekeeping responsibilities.

- ❖ Tie roles and tasks together. Try to combine phone calls with dishes laundry or ironing. Or get K-12 professional service commitments while volunteering at your child's school.



Stay tuned next quarter for [Article 5 – Developing Healthy Personal Skills](#)

Upcoming Membership Meeting:

Tuesday, April 12, 2005, 7-8 p.m.

Cozymel's at Dublin

Table Topic: Aerial Engineering

Speaker: Rachel Lewis

Meet member Rachel Lewis

(BS Civil Engineering 2001)

Rachel is a Transportation Engineer for the Ohio Department of Transportation. She came to them in July 2004 from Corna/Kokosing Construction Company, where she spent 3 ½ years as a Project Engineer. She is currently working for ODOT's Office of Aerial Engineering and Surveying. They have recently purchased a new airplane and aerial surveying equipment, known as LiDAR, along with a digital camera. The LiDAR and digital camera have been specially mounted into the airplane and are being used for aerial surveying, mapping,

and photogrammetry. (Rachel will speak at the April 12th membership meeting on LiDAR, aerial photography, and how ODOT is using their new technology.)

Rachel received her Bachelor of Science in Civil Engineering from the Ohio State University in December 2001. While in school she co-oped with ODOT's Concrete Testing Lab, and the Office of Aerial Engineering and Surveying, as well as with Corna/Kokosing Construction Company. She has been an active member of SWE since 1999. While a student at OSU she served as the student section of SWE's fundraising director and President. Upon graduation, she helped reactivate the Central Ohio Section of SWE, serving 2 years as President, and currently as Treasurer, Membership Chair, and Web Gatekeeper. She is the Region G Secretary and co-Gatekeeper. She has also served the Region on the Student Section Vitality Task Force Team and as the Region Student Coordinator for 2 years.

Rachel is very active with her church, Bethel United Methodist Church, where she teaches the 2 year old Sunday School class. She has two daughters, ages 10 months and 2 years, who keep her very busy. In her spare time she loves to do photography and scrapbook, make cards, sew, and make gifts for her family and friends.

Fund Development News

CHAIR: RACHEL LEWIS

Our section has quickly grown over the past 3 years, as a result we find ourselves in need of funding. In order to provide programs and events at little or no cost to our members we need everyone's help to develop funds for the Section. There are several things you can do that would take very little time or effort:

1. Send us the name of a business development or human resources contact at your place of employment. (We are currently trying to put together a database of possible companies to partner with on various activities.)

2. Send us fund raising ideas.

3. Pick an event/activity and donate \$5. (We are currently hosting 2 Toy Challenge teams. Your support would be greatly appreciated by the Section and the kids on the teams.)

4. Join the fund development committee. (Are you good at fundraising, have previous experience, have a lot of community contacts, have good ideas, just want to help? We'd love to have your help, please contact Rachel for more information.)

5. Look beyond monetary donations. (Do you know if you, your company, or someone you know can donate stamps, paper, printing services, speakers, other supplies, food for meetings, door prizes, gifts, etc.?)

6. Donate items for the annual garage sale. (We will be having our annual garage sale this May, please save your items and donate them to SWE. We will provide receipts for tax purposes.)

7. Do you sell Mary Kay, candles, Creative Memories, Pampered Chef, or other items? Host a party with SWE and donate a portion of your profit to our Section. This will serve many purposes

for both the organization and you, it will allow us to hold a fun event, it will create revenue for both you and SWE, and it will expand your client base.

Where do our funds currently come from? We receive 20% of your SWE membership dues. However, not everyone pays the same dues, depending on if you're upgrading your membership, if you're employed, if you're a life member, etc. Our rebate depends on what dues you have paid this year, so it's not a set amount per member, and varies every year. Also, if a member moves into our section after the rebates have been sent to the sections we don't receive any of the rebates for that member for the current year. Based on our current income from this rebate we can support one small event/activity per year and anything else we do will be at a cost to our membership.

Membership News

Chair: Rachel Lewis

Members: Kristina Kennedy, Michelle Bryant, Ming Wang, Meghan Roe, Sarah Drees

Our committee would like to thank everyone who submitted a survey! Your input helped us generate new ideas and we have set new goals. We are working to schedule some new events based on your responses. The on-line calendar will be updated as soon as events are scheduled. (You can find Central Ohio's calendar at:

<http://www.swe.org/RegionG/CentralOhio/calendar.pdf>

and event descriptions can be found at:
<http://www.swe.org/RegionG/CentralOhio/events.html>)

Welcome New Central Ohio Section Members:

The following members have either upgraded from a student to a professional, moved into our section, or are new SWE members (as of Jan.1, 2004):

Cheri Borruso	Amanda Yowler	Patrice Lehocky
Inaas Darrat	Sarah Drees	Hilary Pike
Brianne Grady	Barbara Anderson	Jan Preston
Amy Liddy	Roberta Noe	Meghan Roe
Glenda LaRue	Lee Ann Schwope	Valerie Thomas
Julie Light	Rhonda Walsh	Roseanne Wozniak
Dorinda Meeks	Michelle Bryant	Elizabeth Widman
Wadye Morton	Ming Wang	

On behalf of all the members we want to welcome you to our Section.

E-Mails:

The membership committee maintains the e-mail listserv. If you are not receiving Central Ohio Section e-mail updates please e-mail Rachel (rachel.30.lewis@earthlink.net) with your current e-mail address so you can be added to the e-mail list. (Currently e-mail is our primary means of communication due to it being free and an efficient method of distributing information to the membership.)

Statistics:

As of December 1, 2004 all members who did not renew were dropped from SWE's roster. Here's how we ended 2004 (this reflects the first half of our fiscal 2005 year which runs July 1, 2004 – June 30, 2005):

Beginning Membership = 36

Ending Membership = 45 (new Section record!)

New Member Growth = 13.89%

Net Increase = 25%

Retention = 75%



Editor's Corner:

The Central Ohio SWE section publishes this quarterly newsletter. To submit articles, email or mail to:

Lynne.M.Waldron@delphi.com

Lynne M. Waldron

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